

FIG.1

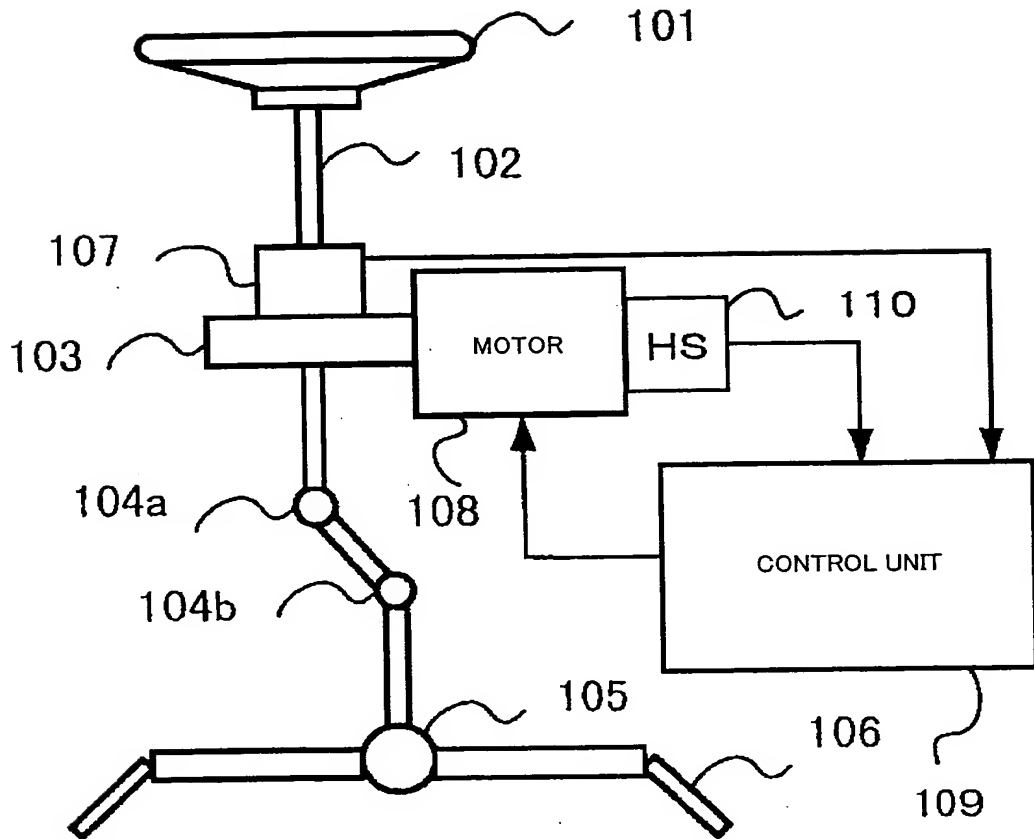


FIG.2

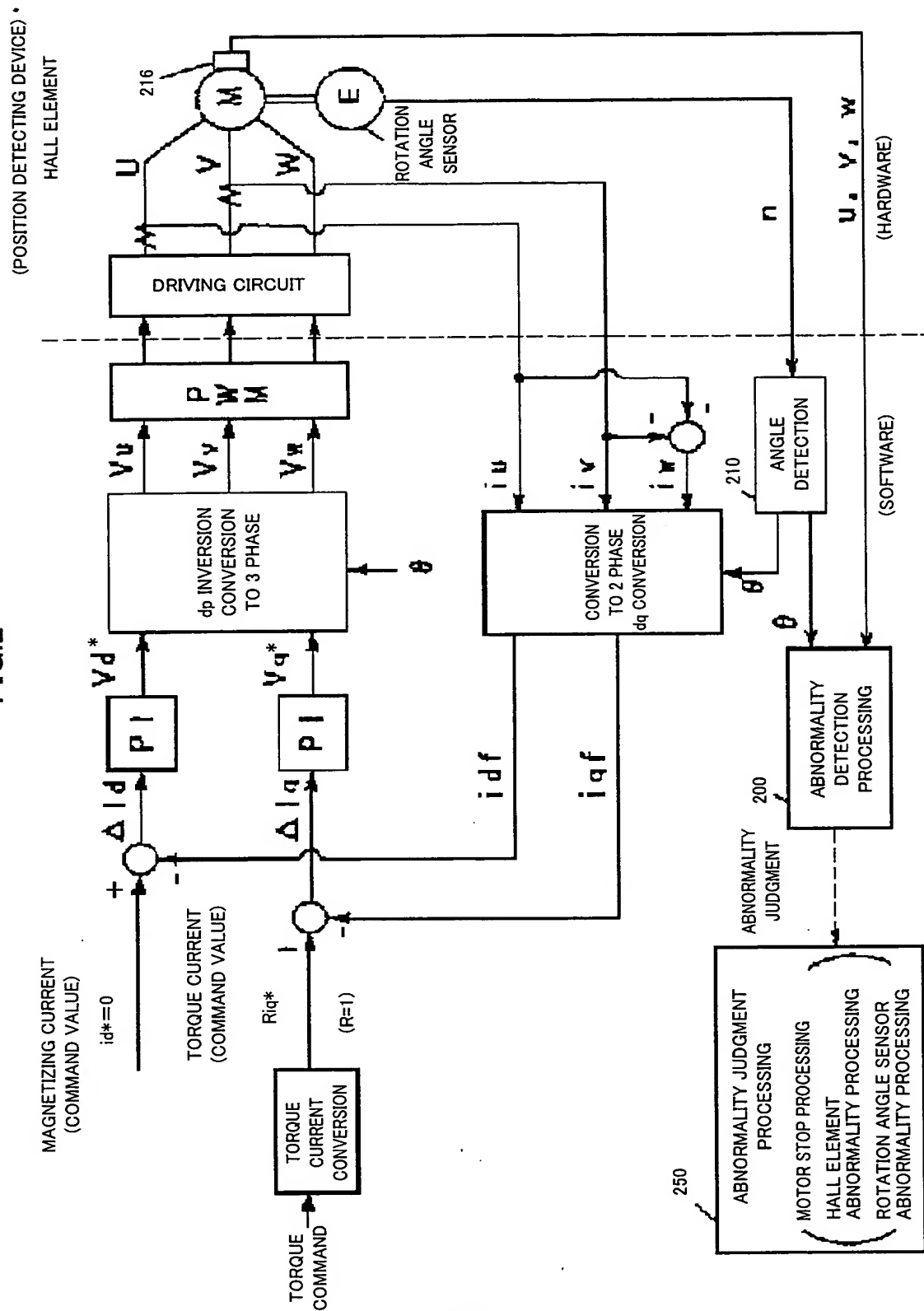


FIG.3

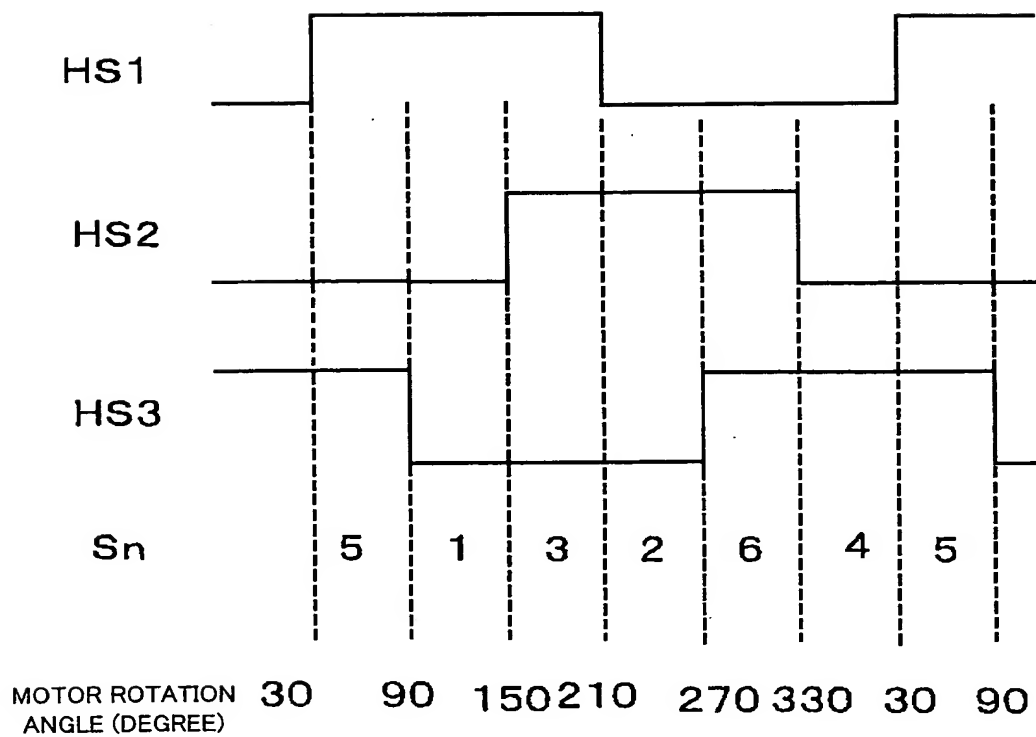


FIG.4

| HS3<br>(bit 2) | HS2<br>(bit 1) | HS1<br>(bit 0) | S |
|----------------|----------------|----------------|---|
| 0              | 0              | 0              | 0 |
| 0              | 0              | 1              | 1 |
| 0              | 1              | 0              | 2 |
| 0              | 1              | 1              | 3 |
| 1              | 0              | 0              | 4 |
| 1              | 0              | 1              | 5 |
| 1              | 1              | 0              | 6 |
| 1              | 1              | 1              | 7 |

FIG.5

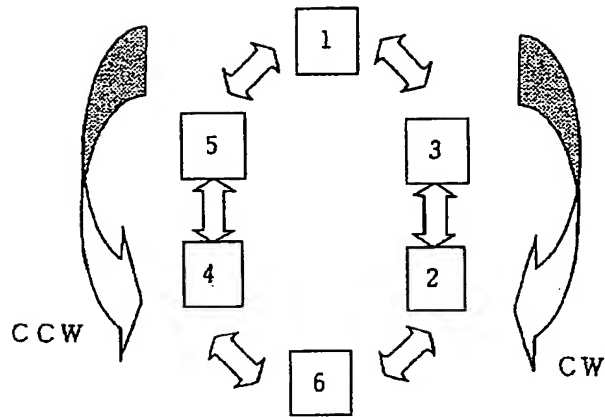


FIG.6

| $S_n \backslash S_{n-1}$ | 1   | 2   | 3   | 4   | 5   | 6   |
|--------------------------|-----|-----|-----|-----|-----|-----|
| 1                        | 0   | E   | CW  | E   | CCW | E   |
| 2                        | E   | 0   | CCW | E   | E   | CW  |
| 3                        | CCW | CW  | 0   | E   | E   | E   |
| 4                        | E   | E   | E   | 0   | CW  | CCW |
| 5                        | CW  | E   | E   | CCW | 0   | E   |
| 6                        | E   | CCW | E   | CW  | E   | 0   |

FIG.7

| $S_n \backslash S_{n-1}$ | 0 | 1   | 2   | 3   | 4   | 5   | 6   | 7 |
|--------------------------|---|-----|-----|-----|-----|-----|-----|---|
| 0                        | E | E   | E   | E   | E   | E   | E   | E |
| 1                        | E | 0   | E   | CW  | E   | CCW | E   | E |
| 2                        | E | E   | 0   | CCW | E   | E   | CW  | E |
| 3                        | E | CCW | CW  | 0   | E   | E   | E   | E |
| 4                        | E | E   | E   | E   | 0   | CW  | CCW | E |
| 5                        | E | CW  | E   | E   | CCW | 0   | E   | E |
| 6                        | E | E   | CCW | E   | CW  | E   | 0   | E |
| 7                        | E | E   | E   | E   | E   | E   | E   | E |

FIG.8

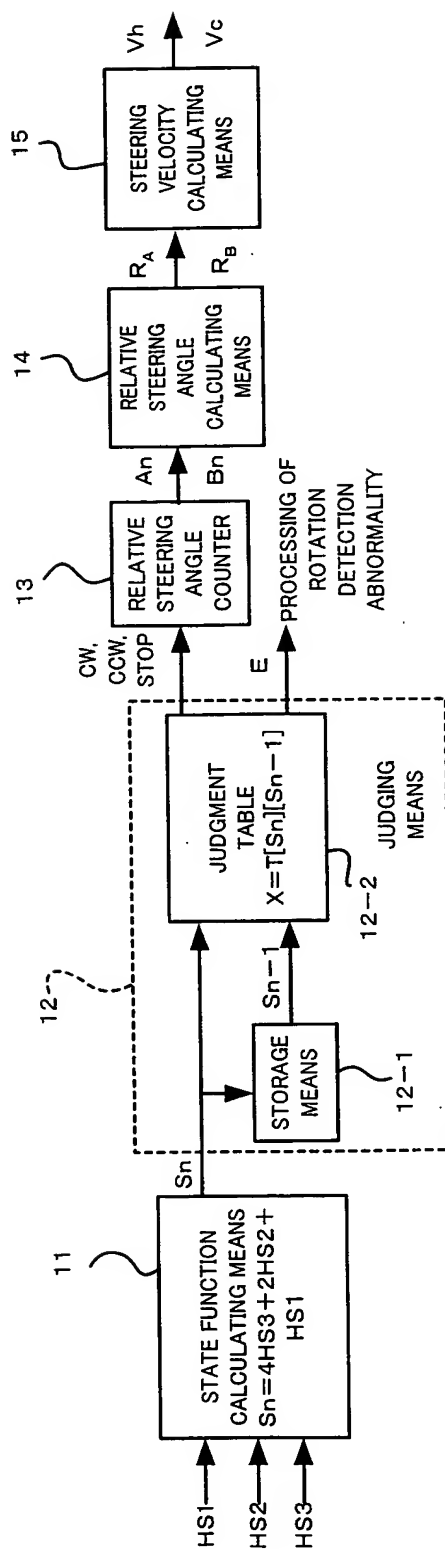


FIG.9

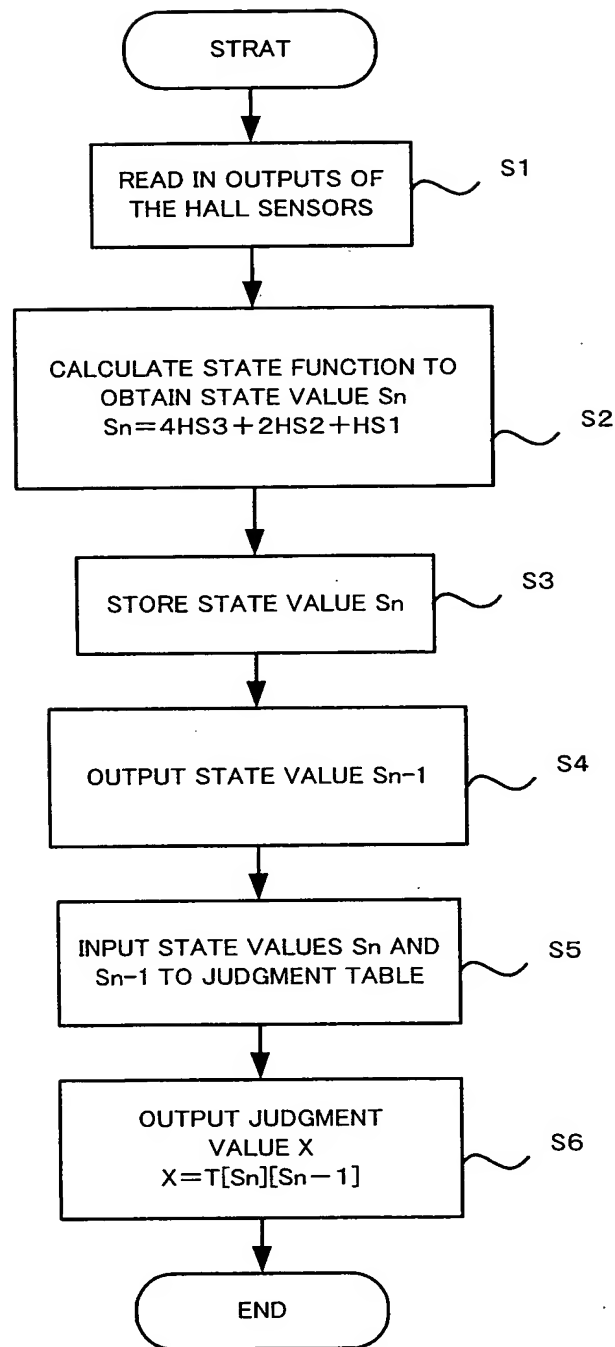


FIG.10

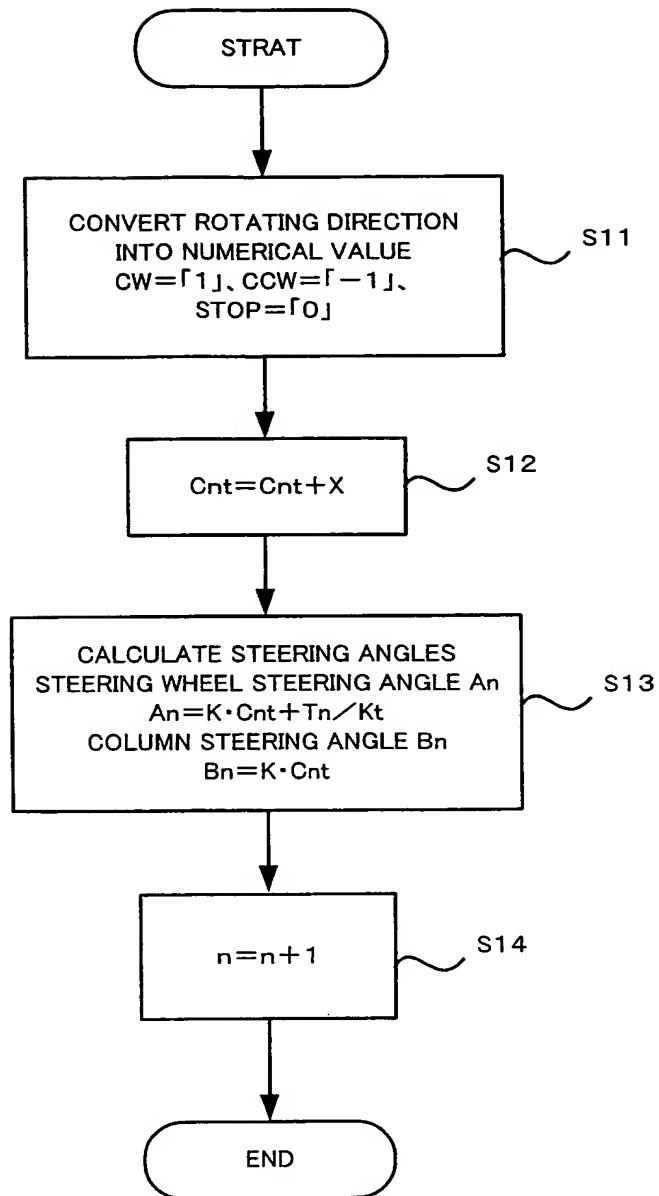


FIG.11

